

19990713.qrp v01_n517.qrl.990713

Date: Tue, 13 Jul 1999 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1517

QRP-L Digest 1517

Topics covered in this issue include:

- 1) [44946] Gold Rush next Sunday, repost
by "Marshall Emm" <mgemm@mtechnologies.com>
- 2) [44947] Converting AM radios for SW bands (long)
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 3) [44948] PROPAGATION SITE CLOSED
by ARDUJENSKI@aol.com
- 4) [44949] Reduced standards, bla BLA...
by S LYON <sslyon@worldnet.att.net>
- 5) [44950] Wellsley Island Operation
by Craig LaBarge <wb3gck@yahoo.com>
- 6) [44951] FS: HW-9 excellent condx
by John Spoonhower <jspoonh1@rochester.rr.com>
- 7) [44952] A sad day
by "John J. McDonough" <jjmcd@tm.net>
- 8) [44953] Re: Tentec Triton 4 Digital Info
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 9) [44954] A QST article = Milliwatting
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 10) [44955] Razor Blades
by "James R. Duffey" <jamesd1@flash.net>
- 11) [44956] GPS accuracy.
by "George W. Lee" <k5ht@juno.com>
- 12) [44957] Re: GPS accuracy.
by "John J. McDonough" <jjmcd@tm.net>
- 13) [44958] Stump The Doctors!
by "James R. Duffey" <jamesd1@flash.net>
- 14) [44959] Need Help with BTL
by hamjoel@juno.com
- 15) [44960] Re: GPS accuracy.
by david fouchey <dafouchey@home.com>
- 16) [44961] General Class Video Course For Sale
by "Frank Matthews" <fmathews@pilot.infi.net>
- 17) [44962] Re: GPS accuracy.
by The Boices <boice@bigfoot.com>
- 18) [44963] Re: Stump The Doctors!
by "Chuck Adams K5F0" <adams@ticnet.com>
- 19) [44964] K5F0 Alert <sk>

- by "Chuck Adams K5FO" <adams@ticnet.com>
- 20) [44965] Re: A QST article = Milliwatting
by "Randy Jouett" <rules@bellsouth.net>
- 21) [44966] Re: FS: HW-9 excellent condx
by Terry Bendell <terryb@bmts.com>
- 22) [44967] Re: Stump The Doctors!
by Roger Hightower <n7kt@earthlink.net>
- 23) [44968] Re: GPS accuracy.
by RABRUNER@aol.com
- 24) [44969] Re: [SETI@HOME]
by Bob Patten <n4bp@bc.seflin.org>
- 25) [44970] twin lead 'update'
by Dan Presley <talljazz@teleport.com>
- 26) [44971] Re: K5FO Alert <sk>
by Monte Stark <ku7y@dri.edu>
- 27) [44972] Re: [SETI@HOME]
by Monte Stark <ku7y@dri.edu>
- 28) [44973] Fw: [GQRP] Repost: "Searchin..."
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 29) [44974] Re: [SETI@HOME]
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 30) [44975] Re: GPS accuracy
by "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
- 31) [44976] Paul ve3*** E-mail me
by Scott Howell <whowell@hq.nasa.gov>
- 32) [44977] Re: GPS accuracy.
by Bruce Muscolino <w6toy@erols.com>
- 33) [44978] letting go of an old call
by hamjoel@juno.com
- 34) [44979] Re: K5FO Alert <sk>
by Bob Hightower <ki7mn@extremezone.com>
- 35) [44980] QRQ - what level?
by Goran Hosinsky <hosinsky@royac.iac.es>
- 36) [44981] Re: GPS accuracy.
by Bruce Muscolino <w6toy@erols.com>
- 37) [44982] Re: [SETI@HOME]
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [44983] Re: GPS accuracy.
by "Mike Yetsko" <myetsko@insydesw.com>
- 39) [44984] Updated ElmeRadios
by Bruce Kizerian <kizerian@ced.utah.edu>
- 40) [44985] Re: GPS accuracy.
by Michael Neverdosky <MichaelN@cycat.com>
- 41) [44986] Re: QRQ - what level?
by "dor" <elbc@pivot.net>
- 42) [44987] General Class Video Course - Sold
by "Frank Matthews" <fmatthews@pilot.infi.net>
- 43) [44988] Info (fwd)

by Bruce Rattray <rattray@gpfn.sk.ca>
44) [44989] Trade
by ac5ez@webtv.net (Larry B)
45) [44990] RAC QRP plaques
by Bruce Rattray <rattray@gpfn.sk.ca>
46) [44991] Re: GPS accuracy
by jaywa5whn@juno.com
47) [44992] out-of-call-district callsigns
by Allan G Taylor <k7gt@arrl.net>
48) [44993] NC-49er, Fun to build.
by Ed Loranger <we6w@qsl.net>
49) [44994] RE: out-of-call-district callsigns-de AL7FS
by "Larsen, Jim" <JLarsen@alascom.att.com>
50) [44995] Re: out-of-call-district callsigns
by "Michael A. Gipe" <mgipe@reliablemeters.com>
51) [44996] out-of-call-district callsigns -Reply
by "Bob Reynolds" <breynd@SIGG.COM>
52) [44997] Re: out-of-call-district callsigns
by Scott Howell <whowell@hq.nasa.gov>
53) [44998] Must-have RF book
by n2cx@voicenet.com
54) [44999] Re: out-of-call-district callsigns
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
55) [45000] Re: GPS accuracy.
by Bruce Muscolino <w6toy@erols.com>
56) [45001] Re: out-of-call-district callsigns
by Bob Scott <w4fpj@doubled.com>
57) [45002] Re: COPY OF ZM-2 ATU KIT BUILDING INSTRUCTIONS NEEDED ! ! !
by Scott Gregson - KC7MAS <emtech@steadynet.com>
58) [45003] Re: out-of-call-district callsigns
by Bruce Muscolino <w6toy@erols.com>
59) [45004] Shortwave Radio
by eddie@nac.net
60) [45005] Reflections
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
61) [45006] Re: GPS accuracy.
by "Randy Jouett" <rules@bellsouth.net>
62) [45007] Re: out-of-call-district callsigns
by Bob Nielsen <nielsen@primenet.com>
63) [45008] Re: Reflections
by Bill Jones <kd7s@psnw.com>
64) [45009] Re: Reflections
by Niel Skousen <skousen@srv.net>
65) [45010] Hendricks sighting in Upstate NY
by Bradley Mitchell <wb8ygg@yahoo.com>
66) [45011] Re: Reflections
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
67) [45012] Re: [SETI@HOME]

by Bob Patten <n4bp@bc.seflin.org>
68) [45013] Re: out-of-call-district callsigns
by wd8civ@att.net
69) [45014] Re: [SETI@HOME]
by Bob Patten <n4bp@bc.seflin.org>
70) [45015] Re: [out-of-call-district callsigns]
by Michael Fletcher <kl7ixi@usa.net>
71) [45016] Re: Reflections
by Chris Trask <ctrask@primenet.com>
72) [45017] Re: out-of-call-district callsigns
by "Chuck Adams K5F0" <adams@ticnet.com>
73) [45018] Re: out-of-call-district callsigns
by "Alan Kaul" <alan.kaul@worldnet.att.net>
74) [45019] Simpson Meter Needed
by Wes Spence <ac5k@ih2000.net>
75) [45020] Re: out-of-call-district callsigns
by James Owen <owen@piper.eeel.nist.gov>
76) [45021] FS Vibrokeyer Deluxe
by Marty Rosenzweig <marty@mht.com>
77) [45022] out-of-call-district callsigns (fwd)
by Paul Erickson <paule@sfu.ca>
78) [45023] [Fwd: UHF from Mars: MGS Mars Relay Checkout] about 59 Million
miles/watt
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
79) [45024] Re: Updated ElmeRadios
by Bruce Kizerian <kizerian@ced.utah.edu>
80) [45025] Re: out-of-call-district callsigns
by Don Lefrancois <wb1cdh@cwix.com>
81) [45026] Re: Simpson Meter Needed
by Chris Trask <ctrask@primenet.com>
82) [45027] XYL said...
by Jay & Jackie <jayboy@bendnet.com>
83) [45028] Hi-mound handkey and Kenwood tr7800 for sale
by Scott Howell <whowell@hq.nasa.gov>
84) [45029] RE: Simpson Meter Needed
by "Alex Mendelsohn" <ai2q@ispchannel.com>
85) [45030] QRP ARCI #'s over 10000 ?
by Jim NOUR <n0ur@yahoo.com>
86) [45031] Re: out-of-call-district callsigns
by K2UD@aol.com
87) [45032] Re: out-of-call-district callsigns -Reply
by david fouchey <dafouchey@home.com>
88) [45033] Tek Scopes
by Marv Fagenson <k6hcj@juno.com>
89) [45034] My 2 cents
by Marv Fagenson <k6hcj@juno.com>
90) [45035] Re: out-of-call-district callsigns
by KG8L@aol.com

- 91) [45036] Milliwatting Article in QST
by Tom Palmer <n1tp@worldnet.att.net>
92) [45037] Re: Shortwave Radio
by "M.Pender" <steam@megsinet.net>

Date: Mon, 12 Jul 1999 17:22:17 -0600
From: "Marshall Emm" <mgemm@ntechnologies.com>
To: qrp-l@lehigh.edu, CQCList@cqc.org
Subject: [44946] Gold Rush next Sunday, repost
Message-ID: <199907122321.RAA11880@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Last one slipped through with "rich text" features or some such-- sorry about that, and here we go again..

Forwarded by: pegasus@chisp.net
Forwarded to: CQC.LIST@edison.chisp.net

The Great Colorado Gold Rush
Sunday, July 18, 1999

Sponsored by the Colorado QRP Club

It was Colorado, 1859. A land swindler had just published the first issue of the Rocky Mountain News in the settlement that would become Denver. A year earlier, small placer gold deposits were found in that old settlement, near the confluence of the South Platte River and Cherry Creek. And then came the big gold strikes! George Jackson discovered gold in Chicago Creek near Idaho Springs. John Gregory made his famous gold strike not far away, in Clear Creek Canyon. Prospectors dreaming of riches poured into the new gold camps of Central City, Black Hawk, Boulder, Colorado City, Gold Hill, Hamilton, Tarryall, and Pueblo. The fever ran high. The Great Colorado Gold Rush had begun!

Barely a century and a half later, the rush is on again. This time it's the rush to work all states, the rush to join the ranks of DXCC, the rush to sound like a kilowatt but driven only by milliwatts!

In honor of our state's colorful history and the excitement and challenge of QRP, the Colorado QRP Club proudly announces The Great Colorado Gold Rush. This will be a QRP amateur radio contest of unparalleled magnitude, of incredible dimensions, of such unbelievable proportions that---well, it's really just a summer sprint. Two fast hours of heavy fist pounding. Do your best. Have fun.

And good luck in the contest.

When: Sunday, July 18, 1999
Time: 2000-2200 UTC
Band: 20 meters only
Mode: CW only
Power: 5W maximum
Classes: W, V, B, P

W--WIRE: single element wire; including dipoles, random wires, Zepp, doublets, inverted V, slopers, single element loops, inverted L, etc.

V--VERTICAL: verticals; including single element, ground plane, trapped vertical, or anything with vertical polarization and more or less omnidirectional pattern.

B--BEAM: multi-element arrays/beams; including beams, multi-element loops, phased verticals, V-beam, rhombic, etc.

P--PRTABLE: non-mobile temporary field station; may use any type of antenna.

If you are not sure about your antenna class, send us a description ASAP via E-mail to rschneid@ix.netcom.com. Operations may be conducted with different antennas provided all antennas are in the same class.

Exchange: RST + SPC + Class + CQC Member # or Pwr Out. Examples: 559 C0
V 345 -or- 559 CT P 5W.

Multiple Contacts: The same station may be worked up to three times during the contest, provided a minimum of 30 minutes has elapsed since the last QSO with the same station.

Scoring:

3 points for first contact with a station.
2 points for second contact with the same station.
1 point for third contact with the same station.

Multipliers: all multipliers count once over all. Multipliers are SPC's and CQC members worked.

Final Score: QSO Points x SPC x CQC Members = Total Score

Logs: Submit logs showing time (UTC), callsign, exchange and QSO points for each station worked, show totals of multiplier points. Example:

Time Call SPC Ant Mem#/Pwr Pts

2005 W0CQC	CO	V	132	3
2012 N1FN	CT	W	151	3
2036 W0CQC	CO	V	132	2
2037 KA8OM	MI	P	5W	3
2115 W0CQC	CO	V	132	1
Totals				
		3	2	12

Dupes: W0CQC - 2005 2036 2115
 SPC: CO CT MI
 CQC#: 132 151

Please include a scoring summary, an alphabetical dupe sheet showing times and calls of multiple contact stations, SPC's and CQC Member numbers. Also include a description of your equipment, antenna(s) used, and power output. Send your comments on the contest. All submissions must indicate entry class and your mailing address including e-mail address if available.

Log Deadline: Logs must be postmarked or emailed no later than 30 days post-contest (August 18, 1999). Logs received after this deadline will be used as check logs only.

Mail: CQC Gold Rush, c/o CQC, POB 371883, Denver CO 80237-1883

E-mail: contest@cqc.org. All E-mail submissions should be in ASCII format only. And you must include a scoring summary.

Awards: Awards will be given for the highest score in each class, for the highest score in each state, and for the highest score from a DX station (including Canada).

73
 Marshall Emm
 N1FN/VK5FN
n1fn@MorseX.com
 Morse Express and Oak Hills Research
 "Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
 (303)752-3382

--

 Date: Tue, 13 Jul 1999 10:23:08 +1000
 From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44947] Converting AM radios for SW bands (long)
Message-ID: <378A86EC.B5CDDFEA@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

For those contemplating using a transistor radio you can look at a typical schematic on my am receiver page (incomplete). I have yet to explain the autodyne converter and i.f. stages etc. (time).

http://www.integritynet.com.au/~purdic/am_rec.htm

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>
"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Mon, 12 Jul 1999 20:27:34 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu, jerrhall@concentric.net
Subject: [44948] PROPAGATION SITE CLOSED
Message-ID: <45ad4f9f.24bbe1f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I sent a message off to Jerry Hall (K1TD) asking about his site. He provided no explanation other than simply stated HE HAS CLOSED HIS SITE PERMANENTLY. For those of us who have visited and utilized these charts, they will be greatly missed. The information was invaluable, especially for QRP, helping you plan for working DX or even contesting or just when is the best time to

be able to get that certain contact....Alan KB7MBI

Date: Mon, 12 Jul 1999 20:26:19 -0400
From: S LYON <sslyon@worldnet.att.net>
To: w1rfi@arrl.net, qrp chat <qrp-l@Lehigh.EDU>
Subject: [44949] Reduced standards, bla BLA...
Message-ID: <378A87AB.DA3D5DF1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good job, Ed... thanks. I got my ticket 1950, and studied hard to get my General one yr later. After all that I lapsed in the 70's and had to re-do everything in '95. Let me tell you, there was a huge difference -in the stiffer direction, and I don't mean just because we'd gone from tubes to solid state, which is still a struggle for me.

Tho mostly well-intended, this whole thread requires a lot more perspective and cautious response than is evident here so far, esp. re ARRL responsibility for ills we should share around the whole ham community. Thanks again for your level-headed approach.

72

-s-

Ed Hare, W1RFI wrote:

>
> I will make only one quick observation on this off-topic post, then
> please, let't take it off line and argue by direct email.
>
> I have compared the study guide for the 1964 Novice exam, then the usual
> entry point for most newcomers, against the 1999 Technician study guide,
>
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 12 Jul 1999 17:59:06 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp-l-mailing-list <qrp-l@lehigh.edu>
Subject: [44950] Wellsley Island Operation
Message-ID: <19990713005906.17468.rocketmail@web701.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings:

I'll be operating QRP-portable from Wellsley Island State Park in the 1,000 Islands area of New York in August. I remember (or at least I think I remember) reading about a program similar to IOTA for inland islands. Anyone know if there is such a thing?

73, Craig WB3GCK

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 12 Jul 1999 21:01:42 -0400
From: John Spoonhower <jspoonh1@rochester.rr.com>
To: qrp-1@lehigh.edu
Subject: [44951] FS: HW-9 excellent condx
Message-ID: <378A8FF6.F4FCAC61@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Everyone, I have an HW-9 for sale. it's in excellent condition. I'll throw a copy of the hotwater handbook. Jpeg image files of the radio are available if you are interested.
Price is \$190. 73, john, kc2du@arrl.net

Date: Mon, 12 Jul 1999 21:04:59 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44952] A sad day
Message-ID: <000301becccb\$be532520\$010044c0@conor-mac-nessa>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just listened to the last ship to shore CW stations go off the air. Such a shame. Both of the stations I could hear switched from their automated code to manual, apparently straight key, to close.

I did manage to get .wav files of them, but pretty rough copy. Sad to see the end of an era.

For those interested, the files are posted on NW7US's site (<http://hfradio.org/>) along with his recordings from the other side of the continent.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Thu, 08 Jul 1999 11:33:13 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: heatherex@juno.com, qrp-l@lehigh.edu
Subject: [44953] Re: Tentec Triton 4 Digital Info
Message-ID: <3784E0D9.10EB12B7@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It can be turned down to qrp levels and the final board can be jumpered, (using small coax cable with RCA plugs) putting the driver output over to the filter board, giving you and adjustable up to 5 watts out qrp rig. A really nice rig. enjoy.
73
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2

(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 08 Jul 1999 11:47:52 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [44954] A QST article = Milliwatting
Message-ID: <3784E448.29602BBC@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got my August QST today and in it is an excellent article by Jim Hale, KJ5TF about his experiences with milliwatting and the fun produced by such activities. Really nice to see another qrp article published. Need to finish my WM-2 so I can turn the power down more. Hope you all get a chance to read it.

73
Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 12 Jul 1999 20:14:23 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: we6w@qsl.net
Cc: qrp-1@lehigh.edu
Subject: [44955] Razor Blades
Message-ID: <199907130216.VAA00894@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed - I noted with interest your comment on Razor Blades;

"5 years for 5 Blades..."

I bought a pack of 5 Wilkinson Sword double edge blades in 1973 and still have 3 left. I have used no other shaving technique since then :^).

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 12 Jul 1999 21:19:55 -0500
From: "George W. Lee" <k5ht@juno.com>
To: qrp-1@lehigh.edu
Subject: [44956] GPS accuracy.
Message-ID: <19990712.212157.5110.1.k5ht@juno.com>

Gang,
some of the late writings on GPS brought to mind something I heard in the past about GPS units. Seems whomever it was making the statement was a user, I'm not, so I took them be knowledgeable on the subject. The statement was that all GPS readings from the satellites, no matter how many accessed, would yield an incorrect location.. by design. In other words if I understood, no matter how accurate your unit is, the received plot is off by some predetermined distance. Is this true and if so why and what purpose could it serve. Thanks for any info or discussion.
73, George KR5C

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 12 Jul 1999 22:37:32 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <k5ht@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44957] Re: GPS accuracy.
Message-ID: <001c01beccd8\$abdc5b20\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: George W. Lee <k5ht@juno.com>

>words if I understood, no matter how accurate your unit is, the received
>plot is off by some predetermined distance. Is this true and if so why
>and what purpose could it serve. Thanks for any info or discussion.
>73, George KR5C

The GPS information is sufficiently accurate for most civilian purposes.
However, the military doesn't want a potential adversary to know just how
accurate it really is. Further, in times of trouble, the errors may be
greater than normal (or less, you don't know).

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 12 Jul 1999 20:45:09 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [44958] Stump The Doctors!
Message-ID: <199907130247.VAA07012@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

If you are gong to Tuthill start thinking quesitons to stump the doctors!

Kent Torrell, Chuck Adams, and myself are in a question and answer panel in
the QRP Forum at Ft. Tuthill. Try to think up a question to stump Kent and
Chuck! I am easy to stump. We are avaiable to answer such questions as: Do I
need a balun?, Will my vertical work without radials?, What is the best QRP
rig (Chuck??), Can I use insulated wire for an antenna?, How about Q-Dope?,
What is the best restaraunt in Flagstaff?, Is it true that there is a
barstool in Casey's Other Place (Lincoln, NE) with Dr. Megacycle's name on
it?

Bring em on, we can answer them. Technical answers with humor. We may get
some answers correct. See you at Tuthill!! - Dr. Megacycle KK6MC/6

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 12 Jul 1999 22:47:19 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [44959] Need Help with BTL
Message-ID: <19990712.224819.-248101.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone:

ok ok everyone knows I need help of one sort or another.... however I need help with my BTL rtty program... went to check into a net tonite and found my audio going south everytime I hit the xmit key and returned to receive... I could go to the mixer and hit (mute all) and then hit it again and all would work until I xmitted and returned to receive...

anybody got a solution other than the delete key.... :-)

Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 12 Jul 1999 22:58:05 -0400
From: david fouchey <dafouchey@home.com>
To: k5ht@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44960] Re: GPS accuracy.
Message-ID: <378AAB3D.F59E1DD1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The GPS system was put in place by the Military for field operations and there was a deliberate error inserted to make it less accurate in the event an enemy tried to use it for their own location information. Military GPS units incorporate an algorithm which removes this uncertainty. I understand however that the DOD has decided to remove the deliberate inaccuracy for general/commercial use, reserving the ability to insert it at a later date should military needs demand it.

Dave

WA4EMR

"George W. Lee" wrote:

>
> Gang,
> some of the late writings on GPS brought to mind something I heard in the
> past about GPS units. Seems whomever it was making the statement was a
> user, I'm not, so I took them be knowledgeable on the subject. The
> statement was that all GPS readings from the satellites, no matter how
> many accessed, would yield an incorrect location.. by design. In other
> words if I understood, no matter how accurate your unit is, the received
> plot is off by some predetermined distance. Is this true and if so why
> and what purpose could it serve. Thanks for any info or discussion.
> 73, George KR5C
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 12 Jul 1999 23:16:27 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44961] General Class Video Course For Sale
Message-ID: <001501beccde\$19434e80\$170861d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP-Lers,

I no longer need the above mentioned course after passing it last Thursday. The ARRL describes it as "In the ARRL General Class Video Course, you get three video tapes (4 full hours of instruction), a detailed 102-page course book and 3 practice exams. One section of this course is devoted to learning Morse code, and we've included a free copy of Morse Academy Morse code learning software to help make it fun and easy for you to learn the code."

I paid \$99 and will sell for \$50. I will also ship anywhere in the continental U.S. for free. So...you really get the course for about \$44. It really helped me as I only missed one question on written....(didn't want to look like a "know it all"). :-)

If interested please reply to fmathews@pilot.infi.net. I will accept either a check or money order.

72, Frank

Date: Mon, 12 Jul 1999 22:16:56 -0500
From: The Boices <boice@bigfoot.com>
To: k5ht@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [44962] Re: GPS accuracy.
Message-ID: <3.0.6.32.19990712221656.00920c50@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 21:19 99/07/12 -0500, George W. Lee wrote:

>In other
>words if I understood, no matter how accurate your unit is, the received
>plot is off by some predetermined distance. Is this true and if so why
>and what purpose could it serve.

Hi, George. Since the Global Positioning System (specifically known as NAVSTAR) is owned and maintained by the Department of Defense, primarily for more precise battlefield logistics, they have a legitimate concern about the system being used against the US, both at home and abroad. In a process known as Selective Accuracy ("SA"), the signal received by civilian GPS units (of 2 signals, the 2nd being only received by military and select civilian units) is intentionally degraded. The SA can be turned off, as it apparently was during the start of the Gulf War due to a lack of military units available (i.e. so they used civilian units), but it is generally assumed to be on all the time. Clinton signed an order last year maintaining the SA status quo until early in the next decade.

So.....while even civilian units are capable of 30 meter accuracy 95% of the time, it is generally no better than 100 meters when SA is on. Differential GPS is a technique capable of outstanding accuracy, well under 1 foot if you want to spend the money. It relies on the fact that, due to the altitude of the satellites, virtually the same signal timing will be experienced over a several hundred square mile area. So, if you positively know the exact location of a given site (through other surveying techniques), you can receive the GPS signal and determine the distance error in real time. Then, if you broadcast (typically in the LF range) this error signal, differential receivers can take this error and interface it with your GPS, giving you tremendous accuracy. Yes, this directly flies in the face of the Defense Department's concerns over hostile forces using

the system to their benefit.

Ironically (though typical for the government), while the DoD tries to keep the signals intentionally degraded, other agencies, such as the Coast Guard, FAA and USDA, are installing differential GPS transmitters to enable the public to derive great accuracy benefits. And so go your tax dollars.....

And, yes, the GPS system can be jammed, as was mentioned on this list a couple days ago.

Hope this helped without being too wordy.

72,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576 ARCI ARS # 188 K2 # 185

Date: Mon, 12 Jul 1999 22:22:09 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: jamesd1@flash.net
Cc: qrp-l@lehigh.edu
Subject: [44963] Re: Stump The Doctors!
Message-ID: <E113s17-0005T5-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

And what museum has a brick in the wall with
Dr. Chuck Adams name on a brass plate?

And what deadly scorpion only in the US lives
in AZ and the immediate area??? This might
come in handy for all you campers BTW.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Mon, 12 Jul 1999 22:22:09 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [44964] K5FO Alert <sk>
Message-ID: <E113s18-0005T5-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

Got your attention there didn't I?????? Sorry, the devil made me do it.

Was out of town for the weekend in Lost Wages in a tourney in which I only placed second. So close and yet so far.... :-)

But that is not what this post is about.

And this group seems to have a sixth sense about when I'm not available via the Internet. :-)

1. The next person that posts an off color topic will be banned immediately and anyone that follows it up with any posting will also be banned. Gang, I have made it clear a hundred times that we have kids under the age of 17 on here and we'd like their parents and I'd like for myself to keep such stuff off this group. No discussion needed on the topic. You have been warned. There is enough intelligence in each of us to do things a different "clean" way. This is not a bar or locker room, so clean up your act or else.

If you just gotta post such information, there are plenty of other groups on the internet that will be glad to have you.

And if you protest or bring the discussion up the same rule applies. Some will not like it but that is the rule. And don't bother sending me email on it, my mind is made up.... :-)
I am not a prude, it's just that such topics will not be allowed on QRP-L. Same language requirements and limitation that any editor would have for QST, QRPP, QQ, etc. Remember who has the playing field key.

2. Now, the real reason for the posting. I need an alert sent to all KL7's that have 30 meter capability. Before K5F0 becomes a silent key I'd like to get KL7 on 30 meters for the 50th state, so from this point on I will only be on 30 meters and I will be there every minute until K5F0 sends the last "dit dit". I can only hope that the A-index and propagation is going to be good enough during the next few weeks and one of those I'll be K5F0/7..... Go figure. :-)

Now before you panic it has nothing to do with my health. It has to do with the fact that I gave up K5F0 and will be getting a K7 call. I am a firm believer in having the district number in the callsign in the district in which I will be living, so K5F0 is about to become history..... I had to this before they vanity calls (1x2's) were all gone and it wasn't going to be much more time..... I'd like to see the ARRL adopt a rule change for all contests, including SS, that a station with a callsign from another district send /# on every transmission..... :-) That'll bring out the flame throwers for sure. This will start a very heated off-topic subject, so let's not spread it out... When I hear a call on the air I don't like rushing to the QRZ CD ROM to find out what district they are really in or if they might be a new state I need.... Just the facts.

So, I'll be working one and all on 30M until the call is gone. I'll assume that is gonna be when I get the new call in the mail. Here is another question. If one of you, monitoring the FCC database, sees my new call come up and you send me email. Do I have to immediately cease operation of K5F0 even though I have not officially received my "ticket"? I can understand that a new licensee would want to immediately start operation and I know it is legal, but my question is of a slightly different tact. So if you see my new call, don't send me an email until I work KL7..... :-) I'll only be monitoring the USPS box for this one and when I get it I will be using K7??/5 on all contacts there after until the move.

Even though the FCC ULS system is not set up they do have the means to do call changes over the Internet.

Thanks and keep up the good work. Gotta solder before the plane leaves for Tuthill, so look for me on the air. Those that want a QSL before K5F0 goes <sk> then get on the air. I owe some of you cards and I promise to get them out by end of the month. I have too many cards to keep.... :-) And who knows, the last contact might be worth framing. ;-) ;-) :-) I'll send a special QSL along with the contact for the record. It'll be

worth about \$0.02 or so on ebay.com.

FYI es dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Mon, 12 Jul 1999 22:18:03 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <af852@rgfn.epcc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44965] Re: A QST article = Milliwatting
Message-ID: <016301beccdf\$b3aa2c40\$8166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: William R. Colbert <af852@rgfn.epcc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, July 12, 1999 8:32 PM
Subject: A QST article = Milliwatting

>Got my August QST today and in it is an excellent article by
>Jim Hale, KJ5TF about his experiences with milliwatting and the
>fun produced by such activities. Really nice to see another
>qrp article published. Need to finish my WM-2 so I can turn
>the power down more. Hope you all get a chance to read it.
>73
>Ray

Hi Ray/Gang,

I've worked Jim when he was using that milliwatt rig, and let
me tell you that he does a good job with it on 40! Not only
that, he's a nice guy to boot.

Hey, Jim -- are you out there? :^)

72/73,

Randy Jouett, AB5NI

>"Politicians are like nappies. Both should be
>changed regularly -- and for the same reason"
>"Scotsman - Scotsman's Diary 12/97"

Man -- I wish that Scot would come over here to
Louisiana and run for office! With quotes like that,
he'd give a bunch of these "Earl Long" types a run
for their money :^).

Date: Mon, 12 Jul 1999 23:50:10 +500
From: Terry Bendell <terryb@bmts.com>
To: <jspoonh1@rochester.rr.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [44966] Re: FS: HW-9 excellent condx
Message-ID: <199907130351.XAA24948@Alice.BMTS.Com>
MIME-Version: 1.0

On 1999-07-12 jspoonh1@rochester.rr.com said:
>Everyone, I have an HW-9 for sale. it's in excellent condition. I'll
>throw a copy of the hotwater handbook. Jpeg image files of the
>radio are available if you are interested.
>Price is \$190. 73, john, kc2du@arrl.net

Hi John,
Does it have the WARC bands installed?

Terry Bendell

Net-Tamer V 1.11.2 - Test Drive

Date: Mon, 12 Jul 1999 21:15:33 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: jamesd1@flash.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44967] Re: Stump The Doctors!
Message-ID: <378A5AF5.1989C573@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And when was the last time Dr. Megacycle shaved with a Wilkinson blade?

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 13 Jul 1999 00:20:33 EDT
From: RABRUNER@aol.com
To: boice@bigfoot.com, qrp-l@lehigh.edu
Subject: [44968] Re: GPS accuracy.
Message-ID: <b23c36d4.24bc1891@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/12/99 10:21:43 PM Central Daylight Time,
boice@bigfoot.com writes:

> the Coast
> Guard, FAA and USDA, are installing differential GPS transmitters to enable
> the public to derive great accuracy benefits. And so go your tax
> dollars.....

There are also commercial services that offer correction signals for the GPS system. I don't have all the details, but it involves transmitting supplementary data over a commercial FM station in each area. The data is sent over a special SCA frequency in the vicinity of 48 kHz. One then has a GPS setup that includes an FM receiver capable of decoding this data and supplying it to the GPS receiver. This is a subscription service, so you won't find do it yourself articles on how to use it. It is primarily intended for use by surveyors, contractors, and others who need down to the inch accuracy.

73
Bob Bruner
WB4TAJ/9

Date: Tue, 13 Jul 1999 01:00:26 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44969] Re: [SETI@HOME]
Message-ID: <Pine.3.89.9907130025.A2772-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999, Monte Stark wrote:

>
> I thought you already knew.... it's NOT the power that makes it
> travel faster, it the code speed....
>
> This is why the top scoring contestors send so fast....the exchange
> gets there faster and they make more contacts!
>

Now I'm getting the picture! And if you send too fast, the bandwidth of
your signal increases. The wider signal causes more friction going
through the ether and slows down. The optimum speed is..... ???

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 12 Jul 1999 21:49:23 -0700
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@LeHigh.edu
Subject: [44970] twin lead 'update'
Message-ID: <v0300780eb3b074b057f5@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A big thanks to all who helped to provide information on my 'mystery'
twinlead. It appears to be the cheap 300 ohm kind-I also will attempt to go
through the process of measuring it as a learning experience(thanks guys
for the formulas)! I'll give a try to making a 'zepp' with it-I've made
many with the 450 ladder line, and it's a favorite of mine. Just thought

this stuff might work as it's a lot less bulky for packing around-just finished a ZM-2, so that should tune anything!

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Mon, 12 Jul 1999 22:08:07 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44971] Re: K5FO Alert <sk>
Message-ID: <Pine.GS0.4.10.9907122206460.28584-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Congratulations Chuck,

It's hard to get rid of an old call but it really is the "right" thing to do.

And I'll second the motion to require /# if the numbers don't match!

: -)

Ron, KU7Y

Date: Mon, 12 Jul 1999 22:11:46 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44972] Re: [SETI@HOME]
Message-ID: <Pine.GS0.4.10.9907122209130.28584-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jul 1999, Bob Patten wrote:

> >

> Now I'm getting the picture! And if you send too fast, the bandwidth of

> your signal increases. The wider signal causes more friction going
> through the ether and slows down. The optimum speed is..... ???
>

Oh, that's easy.....

Just keep sending faster until the speed of the exchange is
going through the ether faster than the electrons....at that
point the ether "folds in" behind the electrons and they are
never heard from again!

Ron, KU7Y

Date: Tue, 13 Jul 1999 10:23:31 +0100
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [44973] Fw: [GQRP] Repost: "Searchin..."
Message-ID: <012801becd11\$6073ea20\$711aac3e@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Andy GM0NWI <gm0nwi@tesco.net>
To: GQRP CLUB <gqrp@onelist.com>
Date: 03 July 1999 01:27
Subject: [GQRP] Fw: Repost: "Searchin..."

>From: "Andy GM0NWI" <gm0nwi@tesco.net>
>
>
>
>
>>Hi y'all....
>>
>>This is the story...
>>
>>Some time back, I posted here, and on the UK/Europe list a "plea"
>>for help, regarding the possibility of anyone outthere, havin` ANY info
>>whatsoever, pics, mods, articles etc... on the "qrp gem`s" the Heathkit
>>HW 7, 8 and 9 respectivley, transceivers...

>>
>>I could not have anticipated the overwhelming response to the "plea",
>>from all corners of the globe... what a wonderful family we "qrp'ers"
>>are... This for me was more overwhelming than you can possibly imagine,
>>as by nature of Spina Bifida, I am confined to a wheelchair for mobility,
>>and thus find it extremely hard to get to the "bargains.." that seem to
come
>>around in the qrp fraternity.... This being the reason back then for
>askin'
>>for my fellow qrp'ers help and wisdom on this matter...
>>
>>This brings me to the present day, and the reason as to why I am again
>>askin' for help regarding this "plea".....
>>
>>I have again changed OS system's and as in the past I have found it at the
>>time difficult to get the the local computer emporium, as now is the case
>at
>>present, I have lost a great deal of my software due to the fact of not
>>being
>>able to back it up at the time of changing OS...
>>
>>I am at the mercy of the guy's who in my area find the time to help me out
>>with
>>any computer problems I encounter, this has a tendency to make things
>happen
>>in a hap-hazard kinda way.....
>>
>>What I would like to ask of the guys on the list here in the UK and Europe
>>and also
>>of those in the US and Canada etc, is, that if you could find it in your
>>hearts and if
>>you have the time, if there is ANY info regarding mods, pics, articles or
>>ANYTHING
>>else you can come up with or already know about regarding this series of
>>rigs,
>>PLEASE can you find the time to post me the relevant info....
>>
>>For anyone who might want to send anything via mail I am QTHR, in any
>>callbook
>>since 1990, at this address and would love to receive something from
you...
>>
>>I do realise that this is a BIG request AND a repeat request, possibly NOT
>>the done
>>thing here on the list, so I must apologise for any wasted "Bandwidth"
that
>>I have caused
>>in the course of writing this "plea" to you...

>>
>>I have in the past been totally "blown away" with the genuine generosity,
>>and help from the
>>people here on the lists so thought that you would`nt mind my repeating
>this
>>request as there
>>does`nt seem to be any problems with that in general...
>>
>>LASTLY if Mike WA8MCQ is readin` this could you please possisibly send me
>>your articles/info
>>reagarding the changing etc of the torroids (i think..) for the HW8, yeah
>>Mike...!! you did send them
>>a while back too my friend but there gone also, promise to print out ALL
>>info received this time.....
>>
>>Thanks guy`s for bein` so patient and understandin` in this one, it will
>>again be a MASSIVE help to me
>>in collecting this info second time around...
>>
>>Have a good one, take it easy
>>
>>Your fellow QRP`er
>>
>>Andy GM0NWI "Long Live QRP!!"
>>gm0nwi@tesco.net
>>
>>
>
>
>----- ONElist Sponsor -----
>
>Attention ONElist list owners!
><http://www.onelist.com/info/news.html>
>Check out the new "DEFAULT MODERATED STATUS" option.
>
>-----
>=== Via the mailing list of the GQRP Club
><http://www.btinternet.com/~g4wif/gqrp.htm> ===
>

Date: Tue, 13 Jul 1999 06:54:43 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44974] Re: [SETI@HOME]

Message-ID: <Pine.GS0.4.10.9907130653040.28335-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>Now I'm getting the picture! And if you send too fast, the bandwidth of
>your signal increases. The wider signal causes more friction going
>through the ether and slows down. The optimum speed is..... ???

Actually, early experimenters in radio waves spelled the medium "aether"
and for good reason. Signals going through aether might slow down from
friction, but those going through ether slowed down because they got
sleepy.

-73-

LB, W4RNL

Date: Tue, 13 Jul 1999 06:13:01 -0500
From: "Faith III, Don C" <FaithD@mail01.dnr.state.wi.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [44975] Re: GPS accuracy
Message-ID: <54F85D7F6DE2D01184EF0000F804953501319999@MAIL04>
MIME-Version: 1.0
Content-Type: text/plain

Discussion of the GPS accuracy issue, other points and links are available
at:

Peter Bennet: <http://vancouver-webpages.com/peter/index.html>

"GPS Nuts:" <http://webhome.globalserve.net/lmi/myGPS/main.htm> and

Mehaffey/Yeazel: <http://joe.mehaffey.com/>

Information regarding U.S. Coast Guard differential GPS receivers you can
build (there are no charges associated with use of these signals) is
available from:

Rich Heineck: http://home1.gte.net/clseng/DGPS_index.htm

Jim Bixby: http://home.san.rr.com/bix/DGPS_Project.htm
(Jim's DGPS receiver was just published in the QRP ARCI journal)

I recently completed construction of a DGPS receiver (Rich Heineck's design)

while waiting for my K2 to arrive. I typically receive the Milwaukee beacon from Madison (WI). I arranged for circuit boards for the Rich Heineck design through FAR circuits (\$4.50 + \$1.50 postage to FAR Circuits). There are also boards available from a gentleman in Austrailia (see Rich H.'s site).

Construction of these receivers are not for beginners and some test equipment

(signal generator / o-scope) is needed. The signal generator can be built rather than purchased since the DGPS operating freq. is so low (contact me for suggestions).

A DGPS receiver and a DGPS capable GPS receiver will typically have a positional accuracy of 1 to 5 meters and may actually be better than that available from a military GPS unit. The Coast Guard DGPS beacon transmitters are typically available on/near major navigable waters (i.e. Atlantic Coast, Pacific Coast, Great Lakes, Mississippi, etc.). There are plans/proposals to add beacons to 'land locked' areas that are not currently within reach of the current beacon system. The USCG DGPS beacons operate in the beacon band (285 - 325 Khz) and operate using "MSK" (minimum shift keying) typically at 100 to 200 baud.

Commercial DGPS receivers start at around \$300.

73 de N9WR, Don C. Faith III

Date: Tue, 13 Jul 1999 08:07:11 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [44976] Paul ve3*** E-mail me
Message-ID: <3.0.5.32.19990713080711.007eaa70@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul, can't find your msg to me, can't recall your full call other than ve3(think 3) and there being a q and k in there with another unknown letter. This is in reference to a Kent paddle. I'm at n3byy@amsat.org.

sry folks for the bw.

72 de Scott/n3byy

Date: Tue, 13 Jul 1999 08:45:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5ht@juno.com

Cc: qrp-1@lehigh.edu
Subject: [44977] Re: GPS accuracy.
Message-ID: <378B3504.4B01@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George,

Maybe what you heard/read was the attempt to keep GPS accuracy at two levels. There was a level for civilian use and a level for Government use. The Government was obviously much more accurate.

I believe the distinction has been removed from the GPS system some time ago, as the world moved toward a more peaceful situation. It was thought, once, that the COmmunist block countries were our major enemy. I don't know how third-world countries utilize GPS, but their almost total lack of Strategic bombing capabilities is a factor.

73

Date: Tue, 13 Jul 1999 08:57:19 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [44978] letting go of an old call
Message-ID: <19990713.085831.-324223.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Monte and u'all.... U 2 Chuck.... hee hee

I had the call wa5cvm for 37 yrs. It was a part of everything I did etc. However when I moved to Maine in '93 I found the call causing a lot of confusion on the air... (wa5... qth Maine???) so earlier this year (99) I changed it (Took 6 yrs for me to build up the nerve) and luck of the draw gave me kella.... love the LA on the end.. Louisiana it is....

I still tend to send the wa5 call on cw, however the tranzition was not the trama I thought it would be... kinda nice actually... A new adventure...sure makes for less confusion... especially on the dx...and I'm makeing new memories to go with the new call sign...

I never thought I could give up that call, however it's kinda like going 100% qrp.... after u do it u find u gained something instead of loseing something...

Joel KE1LA

In Maine

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Date: Tue, 13 Jul 1999 06:07:35 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: ku7y@dri.edu
Cc: qrp-1@lehigh.edu
Subject: [44979] Re: K5FO Alert <sk>
Message-ID: <199907131259.FAA07934@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:08 PM 7/12/99 -0700, you wrote:
>Congratulations Chuck,
>
>It's hard to get rid of an old call but it really is
>the "right" thing to do.
>
>And I'll second the motion to require /# if the numbers
>don't match!
>

I will too....can't tell where anyone is anymore...I imagine the folks with
beams are wearing out their rotators, nowadays :^)
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 13 Jul 1999 13:18:02 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-1@lehigh.edu
Subject: [44980] QRQ - what level?
Message-ID: <378B3C89.F3468FB4@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck's course tempts me to work on my cw. But what

level of QRQ should be the goal. Those fast cw contest stations, what speed are they going?

73

Goran ea8yu

Date: Tue, 13 Jul 1999 09:19:54 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: boice@bigfoot.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44981] Re: GPS accuracy.
Message-ID: <378B3CFA.64F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

A voice from where it all began! In 1965 I went to work for the US Navy, Bureau of Ships, Naval Ship Engineering Center (NAVSEC) at the Project Engineer for the then almost brand new Surface Ship Satellite Navigation System.

The Surface Ship version (the AN/SRN-9) of the NNSS (Navy Navigation Satellite System) had all the capabilities of the Submarine version, the AN/WRR-4 (if memory serves me). It was packaged very differently and made use of more modern technology, especially in the computer area.

Nearly all the modern navigational techniques were used back then, including Differential Navigation, which only requires ONE known position and a simultaneous view of the satellite for position fixing. It is really the ONE known position that sets accuracy; ie, the better you know where it is the better you can co-locate (that old bugaboo of simultaneoud passes) to it! Computation is made at the user station, using data from both stations, or, as the oil companies used to do, it was all reduced after the fact.

Overall accuracy of the system was determined through a correction for ionospheric refraction. You remember the ionosphere, when it is present (daytime) it tends to bend radio waves either coming in or going away from earth. The amount of ionospheric refraction was measured by a second receiver operating at 150 MHz. The satellites operated at 400 MHz. Both receivers were phaselocked tracking receivers.

The original hardware was built by Magnavox, in Fort Wayne. ITT, of San

Fernando California won the production contracts for the Navy's equipment. Magnavox went on to build a large product line of Shipboard receivers and surveying instruments. There were several other contractors who entered the market as well.

The navigation business was, in a way, in its infancy at that time. I enjoyed my tenure as the Bureau of Ships project engineer on the SRN-9. I later went to ITT (California here we come!) and worked on commercial ventures for the system. I was instrumental in developing the world's first (hey, it was important then) Low Cost Satellite navigation system, used by 1000's of ships in commercial service.

73

Date: Tue, 13 Jul 1999 07:59:59 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44982] Re: [SETI@HOME]
Message-ID: <010801becd33\$a9abfe40\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not to turn into a flame about off topic, and hoping this will end...

But then, I can't help opening my mouth to ask if you guys were aware that scientist have LOWERED the speed of light? They've made a material that under certain conditions the speed of light has been reduced to INCHES per second, which is offering all kinds of research possibilities into the wave and particle nature of light for study. Last I heard they were trying to get the speed further down to feet per MINUTE.

Now, can we get back to just QRP?

Mike Yetsko
N1DVJ

>On Tue, 13 Jul 1999, Bob Patten wrote:
>
>> Now I'm getting the picture! And if you send too fast, the bandwidth of
>> your signal increases. The wider signal causes more friction going

>> through the ether and slows down. The optimum speed is..... ???
>>
>Oh, that's easy.....
>
>Just keep sending faster until the speed of the exchange is
>going through the ether faster than the electrons....at that
>point the ether "folds in" behind the electrons and they are
>never heard from again!
>
>Ron, KU7Y

Date: Tue, 13 Jul 1999 08:16:07 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5ht@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44983] Re: GPS accuracy.
Message-ID: <010901becd33\$aa7d09e0\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George wrote:

>
>Gang,
>some of the late writings on GPS brought to mind something I heard in
the
>past about GPS units. Seems whomever it was making the statement was a
>user, I'm not, so I took them be knowledgeable on the subject. The
>statement was that all GPS readings from the satellites, no matter how
>many accessed, would yield an incorrect location.. by design. In other
>words if I understood, no matter how accurate your unit is, the
received
>plot is off by some predetermined distance. Is this true and if so why
>and what purpose could it serve. Thanks for any info or discussion.
>73, George KR5C

I posted this as email originally since I wasn't at my registered
'site', so bear
with me if you've seen this already.

This stems from the different points of view between Soviet and US

missile doctrine all the way back in the 60's. The US gambled (technically mistaken) that the Soviet missiles would never become accurate enough to take out a 'hard target' missile silo. That's why they were placed pretty much in the central US in open fields. I said 'technically' mistaken, because while the Soviets eventually got the accuracy the US never thought they would, the whole philosophy the two countries let the US triumph. No, not communism vs capitalism. The fact that the US went whole hog into an interstate highway system to provide mobility, while the Soviets went railways. (How many people even KNOW that the Interstate system MANDATES that a certain percentage of miles of the roads MUST be straight and no obstructions? Can you say emergency runways?) To this day, I was told there are virtually NO paved roads connecting Moscow with any other major cities in Russia.

Enough of that. We 'won', and our system had INCREDIBLE civilian benefits.

But since GPS has become popular, even 100Meters is incredible accuracy from a military point of view. In the Gulf war for example, I was told that Iraqi tank movements were strictly by road at night, due to lack of GPS. With GPS, they could have moved overland, even with the 'inacurate' civilian spec. They just didn't buy the units.

If you ever want to see just how 'inacurate' the civilian access channel is, just set your GPS up on the kitchen table and let it 'track' for a few hours! Neat patterns!

I was told, but have not verified this, that there is data posted on the University of Rhode Island to give correction factors for GPS after the fact.

But if you want accurate data, I suppose you could just set up TWO units, one at a known location near where you want to use the variable (like to map paths at a camp or park) and then trap both to data files. Then use the 'fixed' station movement from the error insertion to correct the variable station movement.

Mike Yetko
N1DVJ

Date: Tue, 13 Jul 1999 07:56:26 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU, Charles.Kitchin@analog.com
Subject: [44984] Updated ElmeRadios
Message-ID: <378B4589.A10AEB01@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Finally! A vastly improved and updated version of the original ElmeRadio is ready along with a new, more complicated souped up version. If you would like copies of the schematic and front panel, let me know.

At present the documents are available in two formats, AutoCAD .dxf and Windows .wmf. If you are operating with a Microsoft Windows computer, .wmf is the way to go. It can be loaded into virtually any Windows software that will handle graphics, including most word processors. However, it must be properly scaled when printed so that the front panel will be the correct size.

I can get these documents converted to .pdf, but, unless you absolutely need this format, don't bother. At over thirteen times the size of .wmf, it is a terrible waste of bandwidth.

Bruce kk7zz

Date: Tue, 13 Jul 1999 10:11:55 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [44985] Re: GPS accuracy.
Message-ID: <378B02DB.AAE6FF6@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

But that was in the TranSat system wasn't it?
That system used the doppler shift of the satellite signal to calculate a line of position which used with the DR fix maintained by the receiver gave a fix. The receiver had to be told the course and speed either automatically
or by manual entry.

Nice system, but GPS is much better, especially with the cost reductions.
:-))

michael

w6toy@erols.com wrote:

> The Surface Ship version (the AN/SRN-9) of the NNSS (Navy Navigation
> Satellite System) had all the capabilities of the Submarine version, the
> AN/WRR-4 (if memory serves me).

Date: Tue, 13 Jul 1999 10:26:52 -0400
From: "dor" <elbc@pivot.net>
To: <hosinsky@royac.iac.es>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [44986] Re: QRQ - what level?
Message-ID: <000f01becd3b\$c1922ea0\$fc10a1d0@mine1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, July 13, 1999 9:18 AM
Subject: QRQ - what level?

> Chuck's course tempts me to work on my cw. But what
> level of QRQ should be the goal. Those fast cw contest
> stations, what speed are they going?
>
> 73
> Goran ea8yu
>

I would try to get to around 30 wpm or so that should suffice for 99 percent
of what I hear on during contest, remember that if you are confident at 30
wpm you will be able to get enough at higher speeds to know what the
exchange was during a contest.

good luck
73 DAVE KC1DI

Date: Tue, 13 Jul 1999 10:39:56 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44987] General Class Video Course - Sold
Message-ID: <003a01becd3d\$9472c040\$c50961d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP-Lers,

The General Class Video Course has been spoken for. Whew...it doesn't take this group long to bite on a good deal!

72, Frank

Date: Tue, 13 Jul 1999 09:28:06 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [44988] Info (fwd)
Message-ID: <Pine.LNX.3.95.990713092537.29285E-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please read below....I don't have this info....so I was wondering if anyone attending the QRP Get-together at the Glacier/Waterton hamfest at the 3 Forks Campground in Montana might have it and can bring it with you for Don?....I know he will appreciate it vy much!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

----- Forwarded message -----

Date: Fri, 9 Jul 1999 20:50:45 -0600
From: Don Cole <magper@cadvision.com>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Subject: Info

Hi Bruce,

I'm leaving for the hamfest early Sat (tmw) and can't find a circuit I want. If you have QRPp for Summer '97 could you please bring it withy you or a copy of the MRX40 circuit etc.

Many thanks,

Don VE6EY

a little QRP goes a long way.

Date: Tue, 13 Jul 1999 10:31:23 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [44989] Trade
Message-ID: <27142-378B5BCB-11617@postoffice-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

I have a mfj 9020 I would like to trade for a mfj 9015 .Its a stock 9020, no keyer or audio module , works fine.
K1zw

Date: Tue, 13 Jul 1999 09:43:53 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [44990] RAC QRP plaques
Message-ID: <Pine.LNX.3.95.990713093333.29285G-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's the latest on sponsoring the QRP plaques for the RAC

contests...I posted a message asking what the persons who are interested in helping sponsor the plaques thought about doing both contests...the feedback on this question is favourable to doing it...so after a few more e-mail & fax "back & forths", I have signed a new agreement with RAC for QRP-Canada to sponsor BOTH contests for a 5 year period beginning 1989....for now just send in the original \$25.00 Cdn as we now have breathing space & time to gather the additional monies....thanks to all for their input and I'll keep everyone up to date on this...but for now it's "hamfest time" and I leave for the Glacier'Waterton hamfest in Montana TOMORROW!!....I'll post a report on the "QRP Get-together" after I get back!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Tue, 13 Jul 1999 09:50:01 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [44991] Re: GPS accuracy
Message-ID: <19990713.095107.-1580301.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The April, 1999 issue of "QRP Quarterly", page 3, "Build a Differential GPS receiver", by Jim Bixby. Excellent kudos to N2APB & Staff, because I am in the process of building the receiver right now. Yes, we have DGPS transmitters in the desert, usually at the base of a mountain or near the airport.

The US Army loves to have training exercises, where they purposely jam GPS receivers. It's a very interesting effect to see your commercial GPS receiver suddenly change locations & still show an EPE of less than 50 meters while hiking a mountain trail, or the "poor or no satellites visible" error message, and you have a 12 channel GPS receiver in hand and no obstructions & the constellation is operational. That's why I still depend on my trusty USGS UTM maps & compass. Hint: never trust what any electronic navigational aid tells you, verify it with another non-electronic source. Two GPS receivers side by side can still give you the same error. In the US, the Dept. of Defense owns the GPS constellation. Commercial use is a secondary market. That's why large

commercial aircraft still depend upon FAA ARTCC's and inertial guidance systems.

For those who are going to Ft. Tuthill, there will be lots of APRS stations.

I had found a Garmin GPS-38 @ the last Ft. Tuthill Hamfest for \$50.00 {US}.

Don't forget, July 16 - 18, Glacier-Waterton, aka Montana State Hamfest, ~ 1 mile NE of Snowslip, Mt, south side of highway 2 @ The Three Forks Campground & the Ft. Tuthill, aka AZ State Hamfest, 3 miles south of Flagstaff, AZ {exit 337 west} on I-17 on July 23 - 25.

I am confused. Are we holding a "wake" for K5F0 @ Ft. Tuthill, or are we going to see if Chuck is "awake" for his "wake"? Details to follow around 9 PM MDT at the campfire session on Saturday @ Ft. Tuthill. Coat & tie is optional. Ok, who is standing Dr. Chuck up for the "What's up Doc?" session? I feel like this is an episode of "Hotel New Hampshire" {the stuffed dog on wheels}. At Fort Tuthill, it is more like Mel Brook's "Young Frankenstein". Paul, you have your new Head Zombie for the Oct. contest. |{:~]

72...Jay, WA5WHN

DM65qd Albuquerque, NM USA

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Date: Tue, 13 Jul 1999 08:56:55 -0700

From: Allan G Taylor <k7gt@arrl.net>
To: qrp-1@lehigh.edu
Subject: [44992] out-of-call-district callsigns
Message-ID: <378B61C7.D4@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I beg to differ with Chuck, K5FO (soon to be /7!). In almost all cases where someone has a call out-of-district there is a story. Here are a few...

I recently worked WZ7W, who is in North Carolina. I asked him why the 7-call. It turns out he associated himself with 7-land as he was raised in Grants Pass OR, just west of where I was raised. He hopes to return after his hitch with the US Coast Guard. This led to a nice chat about old times and the old places we both knew.

I have work many times, as well as worked WITH in contests a few times, Bill, W1HIJ. His call is a bit inconvenient as well as being out of district (he lives in So Calif). The story here is that Bill and his dad got their calls at the same time in the mid-50s in New England. His dad was W1HIK and Bill was W1HIJ. As his dad is long-since a SK, the W1 call honors his dad, even if less than convenient.

My personal story is this: We were, as kids, raised mostly in Oregon. As it happens, when I got into ham radio we lived in Livermore CA and I got the call WV6ALQ (a novice call in those ancient days) and then WA6ALQ. We moved soon thereafter back to Oregon and I became K7JMJ. Off to college, had a 2nd call for a few years (W7BHO--you could do that in those days) and eventually even had a 0 call when I was in grad school in Denver (W0OKF). When employment and a home came into the picture, we moved in time back to 7-land where I became W7LGE. I traded that call in for K7GT in 1977 as part of the great Extra Class callsign grab of 1977-78. Yes, I was living in 7-land at the time. When we moved to CA 7 years later, the FCC had dropped the requirement that call prefixes match call districts. I was GREATLY relieved that I wouldn't become one of those despicable 6s...and that I could keep a great callsign! We have been here in CA for some time and only occasionally does the 7 call prove a problem. I get a few repeats more than expected as to my section in SS and FD, but those who can copy code get it in time. As far as pointing beams goes, the heading to the east bay is essentially the same as that to southern Oregon from the east coast (or Texas). And besides all that, I occasionally get a chance to actually operate from 7-land (as in this past week). We will almost certainly return to 7-land someday and then my call will finally satisfy the purists.

So... for anyone on QRP-L who may now or in the future become confused as to where I am.... our location is

CM97aq Alameda County, Pleasanton CA USA ...

a mere 375 miles south of 7-land and home.

But you had better listen to what I send, I could be ANYWHERE!

If the FCC doesn't require it, PLEASE PLEASE don't ask the ARRL to require it!

73 from an absolutely diehard born in 7-land guy...

Allan K7GT

--

```

                                |
                                /|
                                / |
                                | /Z | \
Allan Taylor K7GT             | /| /599| \   FISTS 3222 ARS 228
    k7gt@arrl.net             |_|/____|__\   DXCC and WAS 40/cw
Pleasanton CA CM97aq         /_||/____|__\   http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\------/
~~~~~
```

Date: Tue, 13 Jul 1999 08:58:37 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [44993] NC-49er, Fun to build.
Message-ID: <378B622D.5C3C@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good Day friends. I hope to check into WSN-40 QRP net Saturday using the Norcal 49er I built last night.

The quaint little radio is a snap to build. Heck, I watched my TV show and took lots of lengthy breaks and still built it in a few hours. What a gas.

Just need to hook up the power, Antenna, keyline, and headphones and I'm ready to create ozone.

Well, maybe it is not a high-powered sparking TX :)

I did change the output filter to one of two mentioned in the "MODS" articles floating around. The 5-element filter installed was the 470pF-1.2uH-1000pF-1.2uH-470pF design. The 1000pF was best installed on the foil side of the board, one 1.2 uH inductor where the 2.2 uH goes, where the old antenna output capacitor holes are set except the grounded end is soldered to the final 470 pF cap above the board. The 470 pF has one leg in the grounded hole and the other leg up and soldered to hold the antenna side of the second 1.2 uH inductor. Everything is on the board and looks clean. The 1000pF on the foil side folds nicely over a larger ground plane, as if designed to be laid there.

We'll see how it works on Saturday. Lots of QRPp check-ins to the net all the time so I should get in just fine.

Thanks to AG5P/Walter Duffrain for sparing this 49er for me!!

72 All, Ed WE6W; "We'll keep the soldering Iron on for you."

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 13 Jul 1999 08:13:07 -0800
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [44994] RE: out-of-call-district callsigns-de AL7FS
Message-ID: <912D82D764AAD211B83A0008C7A4594C93353D@alascomexc2.alascom.att.com>
MIME-Version: 1.0
Content-Type: text/plain

A short note.

When I moved to Alaska as WA0LPK it turned out to be a benefit cuz I was willing to bend the rules a bit. When DX stations called for 7s, I could never get through the masses from the Pacific Northwest and Southwest. When they called for 0s, often I was the only taker. Nice.
:-)

And on EME (Moonbounce), no one complained that I was a zero on 2 meter EME in Alaska. A they had no trouble figuring out where to aim the beam. :-)

I have been AL7FS since about 1985

73,
Jim Larsen, P.E.
AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>

> -----Original Message-----

> From: Allan G Taylor [SMTP:k7gt@arrl.net]

> Sent: Tuesday, July 13, 1999 7:57 AM

> Subject: out-of-call-district callsigns

>

> I beg to differ with Chuck, K5FO (soon to be /7!). In almost all cases

> where someone has a call out-of-district there is a story. Here are a

> few...

> 73 from an absolutely diehard born in 7-land guy...

>

> Allan K7GT

>

Date: Tue, 13 Jul 1999 09:13:16 -0700

From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [44995] Re: out-of-call-district callsigns

Message-ID: <252a01becd4a\$a0ee7a50\$140a0a0a@double_trouble.reliablemeters.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Keeping a "1" call was a requirement of participation in the Witless Protection Program.

Mike K1MG

I'll only mention this once. I would not change my call regardless of where

I move. Reason being I have had this call for the near ten years I've been licensed, no one has ever held this call previously, and its mine and I ain't givin' it up.

72/73 de Scott/n3byy

Laurel MD

Who doesn't care what district your in, just as long as you can be worked.

Date: Tue, 13 Jul 1999 12:26:48 US/Eastern
From: n2cx@voicenet.com
To: qrp-1@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [44998] Must-have RF book
Message-ID: <199907131626.MAA47994@nss4.cc.lehigh.edu>

Group(s),

I ran across a *very* interesting book at a recent NJQRP meeting.

One of our members Jim, N2CAU has been trying to verify tuning of some antenna traps he built. You amy recall my query a short while back on this list about the MFJ dipmeter coils to be used with the Antenna Analyzer.

We now Jim has come across something even more valuable. He found out about a book called " RF Measurements with an Active Standing Wave Ratio Meter" by Gerd Jansen, DF6SJ.

Not only that, but Jim actually wrote to Gerd in Germany and managed to purchase a copy of the book!

I'm quite impressed by the treatise. I'm working up a proper riveiw, but gotta brag on it here and now.

The whole premise of the book is that by using an "Active standing wave ratio meter", some additional calibrated componets and a little math, one can do some really precision RF measurements.

It is 200 pages loaded with good info based on sounds, well-defined procedures and examples that appeal to me as both a ham and an RF engineer.

In fact he author intends the book to be used by a wide spectrum of hams with both very technical interest as well as those with a more casual background in electronics

Gerd intends use of one of the MFJ Antenna Analyzers though not mentioned by name (copyright reasons?) however the Autek RF-1 should be almost as useful.

I do not yet own a copy but you can be sure that I will try to do so!

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Tue, 13 Jul 1999 12:05:32 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, k7gt@arrl.net
Subject: [44999] Re: out-of-call-district callsigns
Message-ID: <EKKDKIGGDLNPDAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I need to agree with those who oppose requiring your callsign to agree with your current district.

I'm NF9K in 0-land, but I consider it only a temporary exile. While I don't mind living in the PRM (People's Republic of Minnesota) I am looking forward to the day (many many years from now, as I am only 29) when my wife and I can afford a cabin in Northern God's Country (i.e., Wisconsin)

So my choice to keep the 9-call for now is in fact in the interest of helping other hams of the future know where I am (will be) at that time.

Plus, I'm just plain stubborn.

Joel NF9K

--

On Tue, 13 Jul 1999 08:56:55 Allan G Taylor wrote:

>I beg to differ with Chuck, K5FO (soon to be /7!). In almost all cases
>where someone has a call out-of-district there is a story. Here are a
>few...

>

>I recently worked WZ7W, who is in North Carolina. I asked him why the
>7-call. It turns out he associated himself with 7-land as he was raised
>in Grants Pass OR, just west of where I was raised. He hopes to return
>after his hitch with the US Coast Guard. This led to a nice chat about
>old times and the old places we both knew.

>

>I have work many times, as well as worked WITH in contests a few times,
>Bill, W1HIJ. His call is a bit inconvenient as well as being out of
>district (he lives in So Calif). The story here is that Bill and his
>dad got their calls at the same time in the mid-50s in New England. His
>dad was W1HIK and Bill was W1HIJ. As his dad is long-since a SK, the
>W1 call honors his dad, even if less than convenient.

>

>My personal story is this: We were, as kids, raised mostly in Oregon.
>As it happens, when I got into ham radio we lived in Livermore CA
>and I got the call WV6ALQ (a novice call in those ancient days) and
>then WA6ALQ. We moved soon thereafter back to Oregon and I became
>K7JMJ. Off to college, had a 2nd call for a few years (W7BHO--you
>could do that in those days) and eventually even had a 0 call
>when I was in grad school in Denver (W0OKF). When employment and a home
>came into the picture, we moved in time back to 7-land where I became
>W7LGE. I traded that call in for K7GT in 1977 as part of the great
>Extra Class callsign grab of 1977-78. Yes, I was living in 7-land
>at the time. When we moved to CA 7 years later, the FCC had dropped
>the requirement that call prefixes match call districts. I was GREATLY
>relieved that I wouldn't become one of those despicable 6s...and that I
>could keep a great callsign! We have been here in CA for some time and
>only occasionally does the 7 call prove a problem. I get a few repeats
>more than expected as to my section in SS and FD, but those who
>can copy code get it in time. As far as pointing beams goes, the
>heading to the east bay is essentially the same as that to southern
>Oregon from the east coast (or Texas). And besides all that, I
>occasionally get a chance to actually operate from 7-land (as in this
>past week). We will almost certainly return to 7-land someday and then
>my call will finally satisfy the purists.

Mikee,

>

> But that was in the TranSat system wasn't it?

>

The official name was the Navy Navigation Satellite System, shortened somewhat to NavSat.

>

> That system used the doppler shift of the satellite signal to calculate a

> line of position which used with the DR fix maintained by the receiver

> gave a fix. The receiver had to be told the course and speed either

> automatically

> or by manual entry.

>

Close but not exactly right. Yes the system used the doppler shift to calculate lines of position to the satellite. The satellite had a memory in it that broadcast its position every two minutes. The more two minute intervals you could copy the better the fix quality. You could do the same thing with LORAN C if you were in a chain and had all the time in the world!

Ships motion during the fixing process impacts the navigation equations in any moving position fix, whether it is dead reckoning or LORAN C. It has to be accounted for. System accuracy is degraded if the platform is moving, however, it can be compensated for with secondary instruments.

>

> Nice system, but GPS is much better, especially with the cost reductions.

>

I will have to take exception to this also. GPS has made its strides with technology of the 1970's and 80's. NavSat made its strides with late 50's and early 60's technology. The last NavSat program I was involved in was a Low Cost Satellite Navigator for container ships that sold for under \$2000, computer included. With today's technology it would be competitive with GPS. I would not recommend it but it could be right up there! GPS has other advantages but it was commercial marketing that reduced its price!

73

Date: Tue, 13 Jul 1999 13:14:52 -0400

From: Bob Scott <w4fpj@doubled.com>

To: unlisted-recipients;; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [45001] Re: out-of-call-district callsigns

Message-ID: <378B740C.C901FAC9@doubled.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought the suggestion was to report your actual location by using the /#. Seems like a simple thing and somewhat fair to let the other guy know where you really are (give or take a few states).

73,

Bob
W4FPJ
Woodbridge, VA

Wishing I was a one or a seven or maybe even a zero and hoping to get there one day.

Date: Tue, 13 Jul 1999 10:22:37 +0000
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: K2YEW@aol.com, qrp-1 <qrp-1@lehigh.edu>
Subject: [45002] Re: COPY OF ZM-2 ATU KIT BUILDING INSTRUCTIONS NEEDED ! ! !
Message-ID: <378B136D.B70B6298@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Norm it is this very minute in an envelope, with postage, waiting for the mailman to come.
Scott

K2YEW@aol.com wrote:

>
> I purchased the Emtech ZM-2 QRP ATU kit about a year ago, and never assembled
> it. I am now ready to assemble the kit, and can't find the 4 page
> instruction sheet that came with it, and EMTECH is now out of business since
> Roy Gregson passed on.
>
> Maybe out there someone saved the ZM-2 instruction sheet, and would be kind
> enough to send me a Xerox copy.

>
>
>
>
>
>
>

72,

Norm Wesler - K2YEW
2408 Washington Avenue
Oceanside, New York 11572

>

K2YEW@AOL.COM

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>

+++++

Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Tue, 13 Jul 1999 13:20:13 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k7gt@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45003] Re: out-of-call-district callsigns
Message-ID: <378B754D.66DC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allan,

I sort of agree with both you and Chuck. I am W6TOY, a very desirable callsign to have hold once upon a time because it marked me as coming from a different era! When the first wave of three letter callsigns became to be issued you had to have held one to get another. I had originally been licensed as K8BAL. (Both calls were randomly issued)

Then came the Vanity system where you could buy almost any callsign you wanted, with no prerequisites. I'm not so sure there shouldn't have been some, like having a license for several years or something. Well, it is here now.

As far as Chuck's argument that people are constantly mistake QTHs, I think it is bogus. If the guy can't copy you he should ask for repeats. If speed is a problem, study cures that.

However, in Chuck's defense. I am thinking of starting Y2K with my old call again. K8BAL is(or was) still availilble the last tiem I looked. Maybe I'll go get it!

73

Date: Tue, 13 Jul 1999 13:24:58 -0400
From: eddie@nac.net
To: qrp-l@lehigh.edu
Subject: [45004] Shortwave Radio
Message-ID: <199907131722.NAA04480@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Does anyone know how to convert an AM/FM radio to a shortwave radio.. I want to make it a homebrew project. Any links on the web would be greatly appreciated

Thanks in advance
73

Date: Tue, 13 Jul 1999 13:22:29 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [45005] Reflections
Message-ID: <378B75D5.33C3@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As the biblical saying goes, "Ask and ye shall receive."

A few weeks back, there was a discussion about the "Reflections" book and article, by Maxwell. The book is out of print, but it was based pretty strongly on the original QST series.

It was more work than we thought, but the Reflections article series has been scanned, OCR'ed and turned into an Adobe PDF file, which can be downloaded from the ARRL Web site.

Go to <http://www.arrl.org/tis/Reflect.pdf>.

If you need a copy of Adobe Acrobat Reader to read it, you can download information about it from <http://www.arrl.org/acrorget.html>.

73,
Ed Hare, W1RFI
ARRL Lab

Date: Tue, 13 Jul 1999 12:04:10 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45006] Re: GPS accuracy.
Message-ID: <001a01becd54\$29259b70\$8866d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 13, 1999 8:29 AM
Subject: Re: GPS accuracy.

>Guys,

>

>A voice from where it all began! In 1965 I went to work for the US
>Navy, Bureau of Ships, Naval Ship Engineering Center (NAVSEC) at the
>Project Engineer for the then almost brand new Surface Ship Satellite
>Navigation System.

>

>The Surface Ship version (the AN/SRN-9) of the NNSS (Navy Navigation
>Satellite System) had all the capabilities of the Submarine version, the
>AN/WRR-4 (if memory serves me). It was packaged very differently and
>made use of more modern technology, especially in the computer area.

>

>Nearly all the modern navigational techniques were used back then,
>including Differential Navigation, which only requires ONE known
>position and a simultaneous view of the satellite for position fixing.
>It is really the ONE known position that sets accuracy; ie, the better
>you know where it is the better you can co-locate (that old bugaboo of
>simultaneoud passes) to it! Computation is made at the user station,
>using data from both stations, or, as the oil companies used to do, it
>was all reduced after the fact.

Yep! We sure do a heck of a lot of reducin' in the oil biz, too :^).
When a geologist says, "I want that well-head right there, dang it!"
you don't argue with em' :^).

Seriously, John Chance & Associates (Lafayette, LA., Houston, TX.) were very instrumental in getting DGPS up and running. I remember friends of mine saying they had to sign their lives away, get finger printed, etc., to even use a differentially-corrected GPS system to position an oil rig!

>Overall accuracy of the system was determined through a correction for
>ionospheric refraction. You remember the ionosphere, when it is present
>(daytime) it tends to bend radio waves either coming in or going away
>from earth. The amount of ionospheric refraction was measured by a
>second receiver operating at 150 MHz. The satellites operated at 400
>MHz. Both receivers were phaselocked tracking receivers.

>

>The original hardware was built by Magnavox, in Fort Wayne. ITT, of San
>Fernando California won the production contracts for the Navy's
>equipment. Magnavox went on to build a large product line of Shipboard
>receivers and surveying instruments. There were several other
>contractors who entered the market as well.

>

>The navigation business was, in a way, in its infancy at that time. I
>enjoyed my tenure as the Bureau of Ships project engineer on the SRN-9.
>I later went to ITT (California here we come!) and worked on commercial
>ventures for the system. I was instrumental in developing the world's
>first (hey, it was important then) Low Cost Satellite navigation system,
>used by 1000's of ships in commercial service.

Bruce, to be historically accurate, we better mention the creator and originator of all this GPS stuff: John Chance. His Star Fix system was years ahead of anything out there. If anyone was serious about navigational accuracy in those days, it was "John Chance, here I come!"

He sold out his business to some European company, btw. The new kid on the block is "C & C", which is a new company that was started up by his kids :^). John retired a few years ago after one of his kids was killed in a motorcycle accident :^/. My mother sees him at church and says that he's doing much better, though.

BTW (Bruce, you prolly know this), Star Fix was the system that Bob Ballard used to find the Titanic, Bismarck, and a couple of other ships, gang.

72/73,

Randy Jouett, AB5NI

Date: Tue, 13 Jul 1999 10:46:15 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [45007] Re: out-of-call-district callsigns
Message-ID: <19990713104615.B1839@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've had this call for 47 years. I've had three opportunities to change it (upgrading, moving to 7-land, the vanity callsign program). Each time I thought about it, I asked myself, "why would I want to do that?" O.K., so it is a lousy CW call, but it's mine!

Bob, W6SWE
Tucson, AZ

Date: Tue, 13 Jul 1999 10:47:18 -0700
From: Bill Jones <kd7s@psnw.com>
To: w1rfi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45008] Re: Reflections
Message-ID: <378B7BA6.F8E9387C@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to the ARRL and Ed Hare for sharing this with us. I believe this is another example of how my League membership dollars are being put to good use.

"Ed Hare, W1RFI" wrote:

> As the biblical saying goes, "Ask and ye shall receive."
>
> A few weeks back, there was a discussion about the "Reflections" book
> and article, by Maxwell. The book is out of print, but it was based
> pretty strongly on the original QST series.
>
> It was more work than we thought, but the Reflections article series has

> been scanned, OCR'ed and turned into an Adobe PDF file, which can be
> downloaded from the ARRL Web site.
>
> Go to <http://www.arrl.org/tis/Reflect.pdf>.
>
> If you need a copy of Adobe Acrobat Reader to read it, you can download
> information about it from <http://www.arrl.org/acrorget.html>.
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 13 Jul 1999 11:55:51 -0600
From: Niel Skousen <skousen@srv.net>
To: w1rfi@arrl.net, qrp-1@lehigh.edu
Subject: [45009] Re: Reflections
Message-ID: <4.1.19990713115503.009e3870@if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Neat, one I've always wanted a good copy of for the file. A big brownie
point for Ed and for ARRL

Niel

At 01:22 PM 7/13/99 -0400, you wrote:
>As the biblical saying goes, "Ask and ye shall receive."
>
>A few weeks back, there was a discussion about the "Reflections" book
>and article, by Maxwell. The book is out of print, but it was based
>pretty strongly on the original QST series.
>
>It was more work than we thought, but the Reflections article series has
>been scanned, OCR'ed and turned into an Adobe PDF file, which can be
>downloaded from the ARRL Web site.
>
>Go to <http://www.arrl.org/tis/Reflect.pdf>.

>
>If you need a copy of Adobe Acrobat Reader to read it, you can download
>information about it from <http://www.arrl.org/acrorget.html>.
>
>73,
>Ed Hare, W1RFI
>ARRL Lab
>

Date: Tue, 13 Jul 1999 11:00:06 -0700 (PDT)
From: Bradley Mitchell <wb8ygg@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [45010] Hendricks sighting in Upstate NY
Message-ID: <19990713180006.28171.rocketmail@web608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, Embedded Research was pleased to welcome
Doug Hendricks to our world headquarters.
(Ok, I picked him up at a campground).

He rolled into town last night, and Gary and I were able to vist and
have dinner with our famous friend.

And wow, what a cool set of paddles he had.

We took some pictures, and we'll post on our web page soon.

73
Brad WB8YGG & Gary N2JGU
Embedded Research
<http://www.frontiernet.net/~embres>

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 13 Jul 1999 14:15:35 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>

To: qrp-1@lehigh.edu
Subject: [45011] Re: Reflections
Message-ID: <378B8247.6B44@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill Jones wrote:

> Thanks to the ARRL and Ed Hare for sharing <Reflections> with us. I believe
> this is another example of how my League membership dollars are being put to
good
> use.

Maybe that is what people mean when they say that the League is only in
it for the money. :-)

Actually, the thanks go to AA1DO and N0SS, who worked on the OCR and the
harder part of cleaning up the text. My role was actually quite minor.
The OCR software originally used, combined with the "old" fonts, ended
up removing every single subscript and superscript, as well as mangling
most Greek characters.

Next time, will just scan it and let the .pdf file be a bitmap. :-)

73,
Ed, W1RFI

Date: Tue, 13 Jul 1999 14:16:39 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45012] Re: [SETI@HOME]
Message-ID: <Pine.3.89.9907131406.A9062-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jul 1999, L. B. Cebik wrote:

>
> Actually, early experimenters in radio waves spelled the medium "aether"
> and for good reason. Signals going through aether might slow down from
> friction, but those going through ether slowed down because they got
> sleepy.
>

Modern experimenters are probably working on a new spelling to wake up those signals and get them moving. I can't come up with a thing though...

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 13 Jul 1999 18:18:10 +0000

From: wd8civ@att.net

To: "qrp-l qrp-l" <qrp-l@lehigh.edu>

Subject: [45013] Re: out-of-call-district callsigns

Message-ID: <1999071318181058412@webmail.att.net>

MIME-Version: 1.0

Content-Type: text/plain

>I've had this call for 47 years. I've had three opportunities to change

>it (upgrading, moving to 7-land, the vanity callsign program). Each

>time I thought about it, I asked myself, "why would I want to do that?"

>O.K., so it is a lousy CW call, but it's mine!

Bob,

I've had mine for 25 years (geez, is it that long?), the last 11 of which I've lived within a mile of State Route 104

(CIV in Roman numerals) in two different states - OH and NY.

And I'm so slow on CW that it doesn't matter that it's a mouthful (fistful) to send anyway. I think I'll keep it.

Dave, WD8CIV

Message-ID: <19990713183655.7110.qmail@nwcst289.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Chuck, I use KL7IXI/4 just to keep you from getting tachycardia! <grin=>.

I think you'll find that changing your call is like a name change. You may not be happy that you did it.

And think of the poor soul that will unknowingly get the K5F0 callsign= He'd better get used to being called Chuck!!

Thanks to traveling the world at Uncle Sam's whim, I've gotten used to= using the /x after my calls.

I got my KL7IXI call back through the vanity program after I yielded t= o the lure of getting a callsign in the areas I was in (NQ0C, NP2J) but always planned to return to the land where all the animals wear fur, unlike the = metro area I'm in now! =

Still have a home up there and I get homesick for Wasilla, Alaska ever= ytime

I sign my call. Now to locate the job (or lottery ticket) that will take = me

back to the Great Land.

72,

Mike KL7IXI/4

Norcross, GA

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Tue, 13 Jul 1999 11:36:42 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Niel Skousen <skousen@srv.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45016] Re: Reflections
Message-ID: <Pine.BSI.3.96.990713113602.18872C-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My thanks as well. I'd like to see more information such as this be made readily available.

Chris

On Tue, 13 Jul 1999, Niel Skousen wrote:

```
> Neat, one I've always wanted a good copy of for the file. A big brownie
> point for Ed and for ARRL
>
> Niel
>
> At 01:22 PM 7/13/99 -0400, you wrote:
> >As the biblical saying goes, "Ask and ye shall receive."
> >
> >A few weeks back, there was a discussion about the "Reflections" book
> >and article, by Maxwell. The book is out of print, but it was based
> >pretty strongly on the original QST series.
> >
> >It was more work than we thought, but the Reflections article series has
> >been scanned, OCR'ed and turned into an Adobe PDF file, which can be
> >downloaded from the ARRL Web site.
> >
> >Go to http://www.arrl.org/tis/Reflect.pdf.
> >
> >If you need a copy of Adobe Acrobat Reader to read it, you can download
> >information about it from http://www.arrl.org/acrorget.html.
> >
> >73,
> >Ed Hare, W1RFI
> >ARRL Lab
> >
>
```

```

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/  What's all this  \
/ extinct stuff, anyhow? /
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```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

| | | | \ '.
c__; c__; '-..'>._

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 13 Jul 1999 13:36:09 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: w6toy@erols.com
Cc: qrp-l@lehigh.edu
Subject: [45017] Re: out-of-call-district callsigns
Message-ID: <E1146HN-0007e0-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Ooops. Mistaken identity there Bruce.

I can copy someone's QTH when they send it, but there are times when scanning the bands I'd like to know what geographical portion of the world I'm listening too. That just isn't possible without a lookup in the online callbook, since they are no longer printing hardcover.

Look at it from my perspective or someone else that is starting out new on a band or an award. Say you are going for WAS. At first you don't care who you work and I still don't but sometimes I am in the mood to look for a specific state, say as a multiplier in a contest. It is just so much easier if the callsign agrees with the district and I don't have to wait to copy an entire exchange. Those of you who are contestors know what I mean....

I respect everyone's right to keep the call and I know why it is done, but it personally defeats the purpose of having districts IMHO. I know that I have no voice in getting it changed and I'd cause a riot if I did. :-)

I knew I'd opened a can of worms and it is an interesting discussion, but it is going to be even more interesting over the next few years to see what effects the call change will have on my situation. I am hoping none and that the new call will become recognizable on the air. I hope I get the one I asked for first, but will take whatever comes out of the FCC computer..... :-)

If the FCC hadn't been so long in getting their databases online this discussion would not be happening. Guaranteed. :-) They would have stayed with the QTH vs. district vs. callsign matchup to the letter of the law at the time.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Tue, 13 Jul 1999 11:59:01 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45018] Re: out-of-call-district callsigns
Message-ID: <19990713185803.KYBM9368@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was a K7 before I moved to California 26 years ago and was issued a W6 call under the old FCC rules. But I'm not bothered by someone with (for example) a 9 in his callsign living in 6-land for MOST amateur activity. I would prefer, however, that he/she signs the call /#. And I believe it ought to be mandatory in contests, where geography often counts. I believe participants should be required to sign using /# so the station on the receiving end has some idea of where he/she is ... (unless, of course, the station is portable in the same district in which his call sign suggests he is (i.e. w6rc1/6)).

And what about that can of worms posed by someone on a DX-pedition getting a FCC-assigned callsign for some exotic place (like AH9, for example) but never really living there because when the DX-pedition is over, he/she goes home and KEEPS THE CALL!

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Tue, 13 Jul 1999 14:14:03 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [45019] Simpson Meter Needed
Message-ID: <378B8FFB.15EF@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Honorable Gang:

I have a Simpson 260 Volt Ohmmeter with a bad meter on it. Everything else works. I am wondering if anyone has an old 260 or one that is burned up with a good meter that they would be willing to sell or trade for. Thanks.

Wes Spence, AC5K

Date: Tue, 13 Jul 1999 15:12:28 -0400
From: James Owen <owen@piper.eeel.nist.gov>
To: qrp-l@lehigh.edu
Subject: [45020] Re: out-of-call-district callsigns
Message-ID: <378B8F9B.3F83088C@piper.eeel.nist.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

> I sort of agree with both you and Chuck. I am W6TOY, a very desirable
> callsign to have hold once upon a time because it marked me as coming
> from a different era!

I must say here that what everyone says is pretty much on the ball. It does tend to slow down contacts a bit during a contest when I give K4CGY

59 MD "state again", MD , "K4?", QSL, OK QSL -- but this is not a big problem. You have to determine for yourself if it's causing a problem for you.

I too have no reason to change. I got the call in Nov. 1958, came to Washington D.C. in 1961 to attend school and notified the FCC as to being portable. I however used the club station W3YXM more than mine. Went to work in Rockville, MD in 1964 and lived in a rooming house--again portable. Got married and bought a house in Mt. Airy in 1977 and now could keep the call legally so never changed. By now 41 years later all my friends know my call and if I can convince my wife when I retire in about 4 years I would like to go back to SW Virginia.

However here is MY dilemma. I hold the license for the club here at NIST. The old days are gone. Most of the new employees are not hams and not interested in HR. Ten years ago we had about 40 in the club with 25 or so active. Now we have about 8 with 4 active. Of those eight, four are retirees and of the remaining four three of us can retire in three or so years. Therefore I can see the club dying. Should this happen and I retire in MD should I drop K4CGY and convert to the club call. Hmmm! K4CGY or K3AA what a decision.

Date: Tue, 13 Jul 1999 13:10:42 -0600
From: Marty Rosenzweig <marty@mht.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45021] FS Vibrokeyer Deluxe
Message-ID: <378B8F32.E794E994@mht.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Listees,
I have one too many keys and must sell my Vibrokeyer Deluxe Single Paddle (the one with the jewel bearing). It's in "like new" condition and I'll ship it CONUS for \$125.

Lemme know,

Marty, W00Q
marty@mht.com

Date: Tue, 13 Jul 1999 12:25:15 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp)
Subject: [45022] out-of-call-district callsigns (fwd)

Message-ID: <199907131925.MAA29801@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, as someone who was first liscensed as WN6ZJN in 1966 and now signs VE7CQK (hoping for a two letter call some day) I have to strongly agree with Chuck. Furtunately the rest of the world has not followed the unfortunate example the U.S. has set in this matter.

And with all due respect, all the stories I've heard so far for keeping them, especially since people are not generally using the /section# are bogus, to coin a phrase;-). If you are going to be moving someplace in the future, then your callsign should accurately reflect your location then, just as it should accurately reflect it now.

cheers, Paul - VE7CQK ex WN6ZJN

Date: Tue, 13 Jul 1999 15:41:17 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [45023] [Fwd: UHF from Mars: MGS Mars Relay Checkout] about 59 Million miles/watt
Message-ID: <378B965D.33A746F3@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John L Callas wrote:

>
> Dear Radio Amateurs,
>
> We are doing it again! UHF from Deep Space (Mars).
>
> In preparation for the arrival and impact at the South Pole of Mars by
> NASA's New Millennium Mars Microprobes (Deep Space 2), the Jet Propulsion
> Laboratory and Stanford University will be conducting a checkout of the
> Mars Relay (MR) on Mars Global Surveyor (MGS) which is in orbit at Mars.
> The Mars Relay will be used to relay data from the Mars Microprobes through

> MGS when they arrive on 1999-12-03. This checkout of the MR is schedule to
> begin this week on 1999-07-14 at 23:53:00 UTC and last for approximately
> 3.5 hours. The following is the sequence of events:

>

> Start-00:01:02 Mars Relay Power Enabled
> Start-00:01:01 Mars Relay Power On
> Start+00:50:00 Mars Relay to Mode 03 (FM modulated subcarrier)
> Start+01:10:00 Mars Relay to Mode 15 (CW Mode)
> Start+02:48:00 Mars Relay to Mode 06 (FM modulated subcarrier)
> Start+03:08:00 Mars Relay to Mode 01 (FM modulated subcarrier)
> Start+03:13:00 Mars Relay Power Off

>

> For your interest, I have attached to this message two PDF files of the
> Mars Relay Doppler (MRdop.pdf) and MGS Geocentric Position (MRpos.pdf) for
> the MGS Mars Relay (MR) Checkout. Please note that the data are geocentric
> values and only cover the approximate 3.5 hours of the test.

>

> Below I have included a preliminary link analysis for the detection of the
> 437.100000 MHz Mars Relay signal at the Stanford 46-meter Antenna. The
> analysis assumes a modulated subcarrier and an unfavorable antenna gain.
> During the test, CW will be transmitted for 1 second every BTTS (16
> seconds,) as well as, for an extend period (MR Mode 15). So this can add
> 6.4 dB (no modulation loss) to the SNR. Also, as MGS orbits Mars, the
> antenna gain will improve to as high as +2 dBi, adding, perhaps, another 7
> dB to the SNR. I have assumed no polarization loss with right circular
> polarization.

>

> As before I would like to ask the assistance of all radio amateurs in the
> San Francisco Bay Area to limit transmissions near 437.1 MHz during the
> time of the test. RFI continues to be one of the largest complications in
> these weak signal detections. Your cooperation in the past has resulted in
> the successful detection of UHF signals from 50 million kilometers. Now we
> are trying for 135 million kilometers! In December, it will be 250 million
> kilometers!

>

> Although it is unlikely to assemble the necessary equipment for amateurs to
> hear these signals, we welcome your interest, and as always we very much
> appreciate your support.

>

> Sincerely,
> John Callas

> -----

>

> Transmission Station:	MGS
> Frequency [Hz]	437100000
> Wavelength [m]	0.6859
> Modulation	FM
> Transmit Power [W]	1.4

```

> Transmit Power [dBm]          31.5
> Circuit Losses [dB]           -0.5
> Antenna Gain [dBi]            -5.0
> EIRP [dBm]                    26.0
>
> Range [m]                      1.350E+11
> Space Losses [dB]             -247.9
> Atmospheric Losses [dB]        0.0
> One-Way Light Time [s]         450.2
>
> Receiving Station:            Stanford
> Antenna Diameter [m]          45.7
> System Efficiency              0.55
> Antenna Effective Area [m2]    903.0
> Antenna Gain [dB]             43.8
> Half Power Beam Width [degrees] 1.1
> Feed Losses [dB]              -1.0
> Polarization Losses [dB]       0.0
> Misc Losses [dB]              -0.35
> Modulation Loss [dB]          -6.4
> Received Carrier Power [dBm]   -185.8
> System Temperature [K]         50
> Noise Spectral Density [dBm/Hz] -181.6
> Search Bandwidth [Hz]          1.0
> Noise Power [dBm]              -181.6
>
> Received SNR [dB]             -4.2

```

```

> -----
>             Name: MRdop.pdf
> MRdop.pdf   Type: Acrobat (application/pdf)
>             Encoding: base64
>
>             Name: MRpos.pdf
> MRpos.pdf   Type: Acrobat (application/pdf)
>             Encoding: base64

```

```

-----
Date: Tue, 13 Jul 1999 14:00:21 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-1@Lehigh.EDU
Subject: [45024] Re: Updated ElmeRadios
Message-ID: <378B9AD4.A97DBE8C@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

```


Everyone seems to be having problems with the files. Hang on and I try to fix whatever it was that I did wrong. Then I will resend them.

Thanks for your patience.

Bruce kk7zz

Date: Tue, 13 Jul 1999 16:03:47 -0400
From: Don Lefrancois <wb1cdh@cwix.com>
To: adams@ticnet.com
Cc: QRP-L <QRP-L@Lehigh.edu>
Subject: [45025] Re: out-of-call-district callsigns
Message-ID: <001401becd6a\$d366a6e0\$59ca3ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Try running HF packet and see the problems created when the node you connected to is no where near where you think it is due to the number not representing the anticipated geographic area when seeking a Node or Kanode . Speak of wasting your time. And in Packet you can't use the /#.

Don

Jewett City, Ct.

-----Original Message-----

From: Chuck Adams K5FO <adams@ticnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, July 13, 1999 3:17 PM
Subject: Re: out-of-call-district callsigns

Ooops. Mistaken identity there Bruce.

I can copy someone's QTH when they send it, but there are times when scanning the bands I'd like to know what geographical portion of the world I'm listening too. That just isn't possible without a lookup in the online callbook, since they are no longer printing hardcover.

Look at it from my perspective or someone else that is starting out new on a band or an award. Say you are going for WAS. At first you don't care who you work and I still don't but sometimes I am in the mood to look for a specific state, say as a multiplier in a contest. It is just so much easier if the callsign agrees with the district and I don't have to wait to copy an entire exchange. Those of you who are contestors know what I mean....

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If the FCC hadn't been so long in getting their databases online this discussion would not be happening. Guaranteed. :-) They would have stayed with the QTH vs. district vs. callsign matchup to the letter of the law at the time.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Tue, 13 Jul 1999 13:11:16 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Wes Spence <ac5k@ih2000.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45026] Re: Simpson Meter Needed
Message-ID: <Pine.BSI.3.96.990713130844.26489C-100000@usr04.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wes,

Does your 260 take four "AA" cells or a single 15V battery for the high ohms scale? Reason I ask is that I have one of the ones that takes the 15 V battery, and a couple of the 1% resistors are burned out. I'm trying to restore mine. I paid \$20 for it and the meter works, so it might be more worth my while to sell it to you to restore yours as the 15V battery for mine is not readily available.

Chris

On Tue, 13 Jul 1999, Wes Spence wrote:

```
> Honorable Gang:
>
> I have a Simpson 260 Volt Ohmeter with a bad meter on it.  Everything
> else works.  I am wondering if anyone has an old 260 or one that is
> burned up with a good meter that they would be willing to sell or trade
> for.  Thanks.
>
>
> Wes Spence, AC5K
>
```

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'-----'
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|   What's all this       | \
| extinct stuff, anyhow? | / 
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```

Circuit Design for the RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 13 Jul 1999 13:19:46 -0700
From: Jay & Jackie <jayboy@bendnet.com>
To: qrp-l@lehigh.EDU
Subject: [45027] XYL said...
Message-ID: <3.0.1.32.19990713131946.006a781c@mail.bendnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

...."That can't be a rig in that light box, but it is from Elecraft"...
FINALLY!

Jay, W6JDB Bend, Or

Date: Tue, 13 Jul 1999 16:18:42 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [45028] Hi-mound handkey and Kenwood tr7800 for sale
Message-ID: <3.0.5.32.19990713161842.007f8140@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Hi-mound key is in ment condition, havent' used it much and its just taking up space. Like my chinese handkey quite a bit. \$35 shipped.
Kenwood tr7800 2m rig. 5 and 45 watts. Not sure what's wrong with it, but will transmitt, receive, just can't get the freqs punched in.
I havent' a full manual, but will let anyone intrested have it for \$40 shipped. There aut to be that in parts in any case.
Oh, I do have the mic and pwr connector.

If intrested, drop me a note. Got something intresting to trade, well never turned down an offer that was reasonable..hi

72 de Scott/n3byy

Date: Tue, 13 Jul 1999 16:38:27 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <ac5k@ih2000.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45029] RE: Simpson Meter Needed
Message-ID: <000601becd6f\$a95c1240\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Like Wes, I'm in need of a Weston Model 752 meter for my old (55 years) but trusty Model 752 Industrial Analyzer. Anyone out there with one?

I'll defray shipping and am willing to pay a reasonable price.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

>
> Honorable Gang:
>
> I have a Simpson 260 Volt Ohmmeter with a bad meter on it. Everything
> else works. I am wondering if anyone has an old 260 or one that is
> burned up with a good meter that they would be willing to sell or trade
> for. Thanks.
>
> Wes Spence, AC5K
>

Date: Tue, 13 Jul 1999 13:45:03 -0700 (PDT)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L QRP-L <qrp-l@Lehigh.EDU>
Subject: [45030] QRP ARCI #'s over 10000 ?
Message-ID: <19990713204503.1567.rocketmail@web205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

During the HB Sprint last weekend I noticed member numbers well into the 9000's. Unless it was a mistake, one station sent a numbers over 10,000, (10014 I believe).

If so, I will have to adjust the field length in my copy of NA contest software, it will only accept a four digit number now.

72's es GL

Jim, NOUR

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 13 Jul 1999 17:30:40 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [45031] Re: out-of-call-district callsigns
Message-ID: <f210539e.24bd0a00@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Some years ago I found a Mizuho 6M SSB/CW handheld at the Dayton Hamvention flea market. Had to try it out. Went inside to ICOM's booth, using the IC-551D as a reference to see if the Mizuho was perking. Sent some V's with my callsign. A KP4 answered me!

Puerto Rico on 250mw? Nah, he said he was in space 2120 in the flea market.

72

Howard Kraus, K2UD

Date: Tue, 13 Jul 1999 17:36:07 -0400
From: david fouchey <dafouchey@home.com>
To: breynold@SIGG.COM
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45032] Re: out-of-call-district callsigns -Reply
Message-ID: <378BB147.962FCBBC@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well I COULD have gone and gotten WB8AXG back when I moved from Florida back to Michigan but I am just plain used to WA4EMR after almost 30 years of it....

Dave

WA4EMR former WB8AXG now back in "8" land..

```

>
> >>> Allan G Taylor <k7gt wrote
>
> >>>If the FCC doesn't require it, PLEASE >>>PLEASE don't ask the ARRL to
> >>>require it!
>
> At one time i the contests, the ARRL required me to sign K5VOL/9.  Is that still
true ?
>
> By the way, the 5-call is because I am a Confererate, and will return to
Arkansas to retire and become a silent key someday.
>
> 73,   Red K5VOL
>       RAZORBACK FOREVER
>
>
>
>
> Allan Taylor   K7GT           | /Z \   FISTS 3222 ARS 228
>   k7gt@arrl.net       /| /599| \   DXCC and WAS 40/cw
>   Pleasanton CA  CM97aq   /_||____|__\  http://www.qsl.net/k7gt
>   ...QRO, QRP, or barefoot..... [\--===== /
>

```

Did anyone score a Tek O-Scope from All Electronics?
Marv Fagenson
k6hcj@Juno.com

Date: Tue, 13 Jul 1999 14:39:58 -0700

From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@Lehigh.edu
Subject: [45034] My 2 cents
Message-ID: <19990713.144001.-146371.3.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Simpson 260 in need of repair. The high ohms scale doesnt work. Any one on this list in CA who can repair it?

Tnx

Marv Fagenson
k6hcj@Juno.com

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 13 Jul 1999 18:22:27 EDT
From: KG8L@aol.com
To: qrp-1@lehigh.edu
Subject: [45035] Re: out-of-call-district callsigns
Message-ID: <c20567b2.24bd1623@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As someone who's lived in 6 different call districts since obtaining my current call, there's no way I'd consider changing my call sign every time I move! It's hard enough to remember my current address and phone number, let alone another call sign! Those of us in the military would go nuts changing our calls every couple years!

Sign me,

Mike
KG8L/8
KG8L/4
KG8L/1
KG8L/3
KG8L/6
and currently...KG8L/5

Date: Tue, 13 Jul 1999 23:31:12 +0100
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [45036] Milliwatting Article in QST
Message-ID: <378BBE30.1849CAA3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Hale, KJ5TF, Kingston, AR,
puts QRP-L in a good light in his
FB Article in the August edition
of QST at pages 53 and 54. Perhaps,
his article will result in several hams
joining our group as new participants.

Tom, N1TP, Naples, FL.

Date: Tue, 13 Jul 1999 17:41:06 -0500
From: "M.Pender" <steam@megsinet.net>
To: eddie@nac.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45037] Re: Shortwave Radio
Message-ID: <003d01becd80\$cccb56320\$d3ccd6d8@megsinet.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Might want to check out the kits on Ten-Tec's site:

<http://www.tentec.com>

They have a couple of fine shortwave kits.
I think you'll have better success there than trying to
convert your old Wards Airline to Shortwave!!!

Good Luck... Mike

Mike Pender N9IV0: Chicago, Illinois, U.S.A.
E-Mail: steam@megsinet.net
Web Page: : <http://www.megsinet.com/~steam>
Fax: 708-795-7003

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End of QRP-L Digest 1517
